

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	34847	Service: DTV	Call Sign:	KING-TV	Channel: 25 (UHF)
File Number:	000002	8077	U		
FRN: 000	01582782	Date Submitted:	09/27 /2019		

Applicant Name, Type, and Contact Information

Information	Applicant	Address	Phone	Email	Applicant Type
	KING BROADCASTING COMPANY	Denise Branson, Sr. Paralegal TEGNA, INC. 8350 Broad Street, Suite 2000 Tysons, VA 22102 United States	+1 (703) 873- 6606	dbranson@TEGNA. com	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Preparer Contact Name and Information

Contact Information	Applicant	Address	Phone	Email
	Jeffrey Johnson , Johnson . Vice President Projects TEGNA	Jeffrey Johnson 7950 Jones Branch Drive McLean, VA 22102 United States	+1 (703) 873- 6736	jsjohnson@tegna. com

Broadcaster	Question	Response
Information and Transition Plan	Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
	Briefly describe transition plan	KING will transition to its new facilities with a side mount antenna in the same aperture of the existing antenna. Interim facilities will need to be constructed and this tower will need serious structural reinforcement.

Transmitters	Section	Question	Response
	Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Primary	Existing Transmitter Information					
Transmitter	Section	Question	Response			
	Existing Transmitter Description	Type of change	Purchase New			
		Use	Primary (Main)			
		Description of Use	N/A			
		Ownership	Owned			
		Owner	N/A			
		Site	N/A			
		Is this transmitter currently shared with another station?	No			
		Is this transmitter currently in operating condition?	Yes			
	Existing Transmitter	Manufacturer				
	Manufacturer and Type	Model	CD3200P2			
		Year	1998			
		Туре	Inductive Output Tube			
		IOT Power Type	Тwo			
		Power Capacity	50 kW			

Existing Transmitter Information

Primary	New Transmitter Costs					
Transmitter	Section	Question	Response			
	New Transmitter	Use	Primary (Main)			
		Change Type	Purchase New			
		Is this a request for upgraded equipment?	Yes			
		Manufacturer				
		Model	ULXTE-40			
		Transmitter Type	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power capacity	25.3 kW			
		Justification for New Transmitter	Station has in excess of 10% TPO headroom and is eligible for a 1-Step- Up Allowance. Reimbursable TPO is 17.0 kW based on initial 90-day filing CP. This would require a ULXTE-30. A 1-Step-Up is the ULXTE- 40 and is therefore reimbursable.			

Primary	Other Transmitter Costs				
Transmitter	Section	Question	Response		
	Electrical Service	Service Entrance (3 phases 800A 208V)	No		

	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	Yes
	Description	Additional electrical services required for transmitter installation, including heat exchangers, transformers cooling pumps, etc.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Heating and Cooling
	Size	10 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	100.0 squar feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

PrimaryOther Transmitter Cost Not ListedTransmitterInformation not provided.

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information					
Antenna	Section	Question	Response			
	Existing Antenna Description	Type of change	Purchase New			
		Antenna Use	Primary (Main)			
		Description of Use	N/A			
		Ownership	Owned			
		Owner	N/A			
		Site	N/A			
		Is the existing antenna shared with another station or stations?	No			
		Is the existing antenna directional?	Yes			
		Is antenna in operating condition?	Yes			
		Is antenna located on or in close proximity to an antenna farm?	No			
	Existing Antenna	Class	Full Power			
	Manufacturer and Type	Mounting	Side Mount			
		Antenna position in stack	Not in Stack			
		Polarization	Horizontal			
		Туре	Slotted Coaxial			
		Number of Stations Supported	N/A			
		Number of Panels	N/A			
		Design power capacity in use	N/A			
		Lower Limit	N/A			
		Upper Limit	N/A			
		Other Antenna Type	N/A			
		ERP: (Effective Radiated Power)	950.0 kW			

Manufacturer	
Model	TFU- 30DSC-R P200
Year	1998

Primary	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna	Class	Full Power	
	Manufacturer and Types	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels/Bays	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Design power capacity in use	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	608.0 kW	
		Manufacturer		

Model	TFU-26DS0 /VP-R P200
Year	2019
Justification for New Antenna	Licensed side-mount antenna cannot be re-tuned for new post- transition frequency and must be replaced. Station is opting to Upgrade to Elliptical polarization

Primary Other Antenna Costs

Antenna	Section	Question	Response
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
		Туре	
		Number of channels supported	N/A
		Frequencies of channels supported	N/A
		Frequency	N/A
		Do you need a combiner output splitter /switcher for dual feed lines?	N/A
	Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
		Broadband or Single Channel?	Single Channel
		Feed Line Size	6 1/8 inches inches

Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary	Other Antenna Cost Not Listed	
Antenna	Name	Description
	Shipping	\$6,800

Interim	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Interim	
		Description of Use	N/A	
		Change Type	Purchase New	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna	Class	Full Power	
	Manufacturer and Type	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels/Bays	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Design power capacity in use	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	960.0 kW	
		Manufacturer		
		Model	TUAP4- 8 /20H-1-R SM	

Year	2019
Justification for New Antenna	An interim
	antenna is
	necessary
	to keep
	station on
	air during
	primary
	antenna
	replaceme
	& for
	duration of
	assigned
	phase. An
	interim
	antenna
	with a
	custom
	peanut
	pattern is
	required to
	replicate
	existing
	coverage.

Interim Other Antenna Costs

Antenna

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	В
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim	Other Antenna Cost Not Listed	
Antenna	Name	Description
	Shipping	\$6,800

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

ransmissio	Section	Question	Response
	Existing Transmission Line Description	Type of change	Purchase New
		Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
	Existing Transmission	Manufacturer	
	Line Manufacturer and Type	Туре	Rigid
		Diameter	7 3/16 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	590 feet per run

Primary Existing Transmission Line

Primary	New Transmission Line			
Transmissio	Section	Question	Response	
	New Transmission Line Costs	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Туре	Rigid	
		Diameter	6 1/8 inches	
		Other Diameter	N/A	
		Segment Length	19 3/4 inches	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	590 feet per run	
		Justification for New Transmission Line	Main 7-3 /16" rigid transmission line has 20 ft sections which are prohibited for post- transition Channel 25. Therefore, station must replace existing 20 ft section line with new 19-3/4 ft section line.	

Primary	Other Transmission Line Expenses Not Listed		
Transmissio	n Line	Description	
	TX Line Owner	Current menuin	

nume	Description
TX Line Sweep	Sweep required to verify post-transition channel measures well on existing line.

Interim	New Transmission Line			
Transmissio	n Line Section	Question	Response	
	New Transmission Line	Use	Interim	
	Costs	Description of Use	N/A	
		Change Type	Purchase New	
		Туре	Rigid	
		Diameter	6 1/8 inches	
		Segment Length	Broadband	
		Other Segment Length		
		Number of parallel runs	1	
		Length	500 feet per run	
		Justification for New Transmission Line	Interim transmission line is necessary to keep station on air during primary antenna replacement & for duration of assigned phase. 6-1 /8" rigid line is required to provide required power rating for replication ERP.	

Interim	Other Transmission Line Expenses No	t Listed
Transmissio	n Line	Description

TX Line Sweep Sweep required to verify post-transition channel measures well on new line.	nsmissio	Name	Description
		TX Line Sweep	

Tower	Section	Question	Response
Equipment And Rigging Costs	Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

Existing Tower

Primary	Existing Tower			
Tower	Section	Question	Response	
	Existing Tower	Type of change	Modify Existing	
	Description	Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Is this tower consider Complex?		
		Is this tower currently shared with any other stations?	No	
		One or more FM, AM or TV radio broadcaster(s)	N/A	
		Others Types of Users	N/A	
		Is tower documented for structural analysis?	No	
		Is tower compliant with Rev G?	No	
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes	
		ASR Number	1032128	
	Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	47° 37' 54.0" N-	
		Longitude (NAD83)	122° 21' 03.0" W-	
		Overall Structure Height	569.87 feet	
		Support Structure Height	438.64 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	430.44 feet	
		Structure Type	TOWER - Free Standing or Guyed Structure	

Tower Owner	KING BROADCASTING COMPANY
Date Constructed	01/01/1953

Tower Modification Costs

Primary Tower

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

Primary Tower Section

Section	Question	Response
Tower Rigging Costs	Complex Tower	Other
Helicopter Services Required	Are helicopter services required?	No

Primary Tower Name

Name	Description
Insurance	Insurance for the tower contractor
Lead-based Paint Management Program	Lead-based Paint Management Program

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	750
		Explanation	It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399s. Station does not have available personnel or personnel trained in project management for such complex projects.
	Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
		Prepare engineering section of Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	Yes
		For Main Facility	Yes
		Prepare request for Special Temporary Authority	Yes

ntity ou have Distributed Transmission em engineering services? cal Facility ain-Shielded Facility are and file Form FCC Construction nit Application Auxiliary Facility Main Facility are and file Form FCC License to er Application Auxiliary Facility Main Facility	2 N/A N/A N/A Yes Yes Yes Yes
em engineering services? eal Facility ain-Shielded Facility are and file Form FCC Construction hit Application Auxiliary Facility Main Facility are and file Form FCC License to er Application Auxiliary Facility Main Facility are request for Special Temporary	N/A N/A Yes No Yes Yes Yes
ain-Shielded Facility are and file Form FCC Construction hit Application Auxiliary Facility Main Facility are and file Form FCC License to er Application Auxiliary Facility Main Facility Main Facility are request for Special Temporary	N/A Yes No Yes Yes Yes
are and file Form FCC Construction hit Application Auxiliary Facility Main Facility are and file Form FCC License to ber Application Auxiliary Facility Main Facility Main Facility are request for Special Temporary	Yes No Yes Yes Yes
hit Application Auxiliary Facility Main Facility are and file Form FCC License to er Application Auxiliary Facility Main Facility are request for Special Temporary	No Yes Yes Yes
Main Facility are and file Form FCC License to er Application Auxiliary Facility Main Facility are request for Special Temporary	Yes Yes Yes Yes
are and file Form FCC License to er Application Auxiliary Facility Main Facility are request for Special Temporary	Yes Yes Yes
er Application Auxiliary Facility Main Facility are request for Special Temporary	Yes Yes
Nain Facility are request for Special Temporary	Yes
are request for Special Temporary	
	Vaa
ority	Yes
ntity	2
A Section 106 environmental review	No
ronmental Assessment	No
Modification	Yes
Consultation (including preparation of Form 7460)	Yes
otiation of Lease and other Matter for ed Locations	No
are or Review FCC Form 399 for bursement	Yes
ess transition timing and coordination es w/ other stations and wireless ders	Yes
prehensive coverage verification via study	Yes
xposure measurements	Yes
tional Field Engineering Service	Yes
	A Section 106 environmental review onmental Assessment Modification Consultation (including preparation of Form 7460) tiation of Lease and other Matter for ed Locations are or Review FCC Form 399 for bursement ess transition timing and coordination s w/ other stations and wireless ders orehensive coverage verification via study xposure measurements

Number of Days	20
Justification	\$2,500 per
	site visit
	including
	expenses x
	20 days. It is
	necessary to
	survey the
	site, plan the
	equipment,
	develop
	specifications
	for
	purchasing,
	& oversee
	multiple
	vendor RF
	projects.
	Station does
	not have
	available
	personnel
	trained in
	such
	services.

Outside Other Professional Services Expenses Not Listed

Professional	Services Costs	Description
	Other Legal Services	Other Legal Services related to the DTV Repack
	Pre filing site review	Osborne engineering conducted a pre-filing analysis to determine if all of the necessary information had been captured.
	Other Engineering Services	Fewer Proj Mgt "PM" tasks are req'd & Other Engineering Services "OES" are req'd, so the PM total was reduced to 750 hrs (\$112,500.00 at \$150/hr), a new OES comp was created & funded with \$ from PM. See attachment titled "KGA quote to KING for OES.pdf"

Other	Section	Question	Response			
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No			
		Is Remediation needed?	No			
	Facility Expenses	Name	N/A			
		Other Distributed Transmission System Expenses Not listed	N/A			
		Name	N/A			
		Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes			
	Permit and Filing Costs	Local Zoning	Yes			
		Non-zoning permits	Yes			
		BLM or NFS Coordination	No			
		FCC Construction Permit Minor Change	No			
		FCC License to Cover Application	No			
		FCC Special Temporary Authority No Application				
	Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes			
		Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes			
		Does this relocation require Equipment Storage?	Yes			
		Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes			
		Does this relocation require MVPD Notification of a Channel Change?	Yes			

Other Expenses Not Listed

Other Expenses

Name	Description	
PR Firm	Public Relations Firm	
Internal labor	Local and Corporate labor	

Transmitters

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-40	\$1,062,700.00	\$1,123,726.48		\$944,845.71	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$1,011,326.48	The total cost is higher due to the additional of Sales tax	\$944,845.71	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	N/A	N/A
Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	\$25,000.00	\$25,000.00	Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	N/A	N/A

10 Ton system	\$60,500.00	\$57,500.00	Additional HVAC required for operation of new transmitter while still operating with main transmitter during testing period.	N/A	N/A
Other Building Addition Size: 100.0	\$25,000.00	\$25,000.00	New pad required for heat exchangers, transformers, pumps, etc. Equipment must also be shielded.	N/A	N/A
Sub-total	\$1,062,700.00	\$1,123,726.48	N/A	\$944,845.71	N/A
Total for all systems	\$3,574,602.42	\$4,452,277.10	N/A	\$3,043,198.44	N/A

Components

Actual Information	
Description	File Name

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description:	Gates inv #JW30004448-1 Transmitter 1 3rd
	Amount:	dp UL20181211jgv2 \$304,774.76
	Component Description:	Gates inv #JW30004448-1A ULXTE-40 pmt 2
	Amount:	UL20190320jgv1 \$152,387.38
	Component Description:	Gates US0324371 v190829pmv1
	Amount:	\$485,052.23
	Component Description:	Clean Harbors 1002884435 v190711jgv1
	Amount:	\$2,631.34
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	Information not provided.	
10 Ton system	Information not provided.	
Other Building Addition Size: 100.0	Information not provided.	

Antennas

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TUAP4- 8 /20H-1-R SM	\$257,203.00	\$249,188.00		\$229,326.09	
Shipping	\$6,800.00	\$6,800.00	N/A	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$16,425.00	N/A	\$16,425.00	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$13,000.00	N/A	\$11,338.09	N/A

UHF - High Power, Side Mount, basic slot antenna, 960 kW input, directional,, horizontally polarized	\$201,563.00	\$201,563.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$201,563.00	The full cost of the antenna is \$201,563.00 as seen on the Quote in the submitter Invoices MAN00842 and MAN01040. Subsequentl add'l invoice pertaining to this component have been received.
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Primary Antenna TFU-26DSC /VP-R P200	\$240,243.47	\$237,653.47		\$216,849.77	
Shipping	\$6,800.00	\$6,800.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 608 kW input, directional,, elliptically or circularly	\$186,003.47	\$186,003.47	See attached Dielectric Quote DMS031-4. Also includes sales tax.	\$185,831.57	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$9,268.20	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$21,750.00	N/A	\$21,750.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Sub-total	\$497,446.47	\$486,841.47	N/A	\$446,175.86	N/A
Total for all systems	\$3,574,602.42	\$4,452,277.10	N/A	\$3,043,198.44	N/A

Components

Actual Information Description	File Name
Shipping	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.

Side mount brackets for high power antennas (if not included in antenna	Component Description:	Die 472012 v190828pmv2
base cost)	Amount:	\$1,642.50
	Common on the December tions	
	Component Description:	Die MAN01040 Au ant mt brackets 4
		pct pmt 2 v190814jgv2
	Amount:	\$7,391.25
	Component Description:	Die inv #MAN008 Aux ant mt bracke
		45 pct pmt 1
	Amount:	UL20190128jgv1 \$7,391.25
	Component Description:	Die MAN01040
	Amount:	v190509jgv1 \$7,391.25
	Anount.	\$1,531.25
	Component Description:	Die 485003
		v190712pmv1
	Amount:	N/A

broadband, at antenna input, per 6 1/8. feedline (if needed)	Component Description: Amount:	Die 478002 v190723pmv1 \$1,029.80
	Component Description:	Die ST478002
	Amount:	v190723pmv1 \$1,040.09
	Component Description:	Die MAN01040
	Amount:	v190509jgv1 \$4,634.10
	Component Description:	Die MAN01040 Aux elbow complex 45 pct pmt 2
	Amount:	v190814jgv2 \$4,634.10
	Component Description:	Die inv #MAN0084 Aux elbow complex 45 pct pmt 1
	Amount:	UL20190128jgv1 \$4,634.10

UHF - High Power, Side Mount, basic slot antenna, 960 kW input, directional,, horizontally polarized	Component Description: Amount:	Die 472012 v190828pmv2 \$20,156.30
	Component Description: Amount:	Die 485003 v190712pmv1 N/A
	Component Description:	Die MAN01040 Aux ant 45 pct pmt 2 v190814jgv2
	Amount:	\$90,703.35
	Component Description: Amount:	Die MAN01040 v190509jgv1 \$90,703.35
	Component Description:	Die inv #MAN00842 Aux ant and line 45 pct pmt 1
	Amount:	UL20190128jgv1 \$90,703.35
Sweep test of existing antenna	Information not provided.	
Shipping	Information not provided.	
Sweep test of existing antenna	Information not provided.	

UHF - High Power, Side		
Mount, basic slot antenna,		
608 kW input, directional,,	Component Description:	Die ST485003
elliptically or circularly		v190617jgv1
polarized	Amount:	\$20,104.66
	Component Description:	Die inv #MAN00843
		Primary fixed flange
		swivel pmt 1
	Amount	UL20190312jgv1
	Amount:	\$773.55
	Component Description:	Die ST478001
	Amount	v190617jgv1
	Amount:	\$8,023.81
	Component Description:	Die inv #MAN01065
	Component Description:	Primary fixed flange
		swivel pmt 2
		UL20190312jgv1
	Amount:	\$773.55
	Component Description:	Die inv #MAN01065
		Primary antenna
		pmt 2
		UL20190312jgv1
	Amount:	\$70,270.20
	Component Description:	Die inv #MAN00843
		Primary antenna
		pmt 1
		UL20190312jgv1
	Amount:	\$70,270.20
	Component Description:	Die 485003
	component Description:	v190828pmv2
	Amount:	\$15,615.60
		ψ10,010.00

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description:	Die inv #MAN00843 Primary elbow complex pmt 1
	Amount:	UL20190312jgv1 \$4,634.10
	Component Description:	Die inv #MAN01065 Primary elbow
	Amount:	complex pmt 2 UL20190312jgv1 \$4,634.10
Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description:	Die inv #MAN00843 Primary side brackets pmt 1
	Amount:	UL20190312jgv1 \$9,787.50
	Component Description:	Die inv #MAN01065 Primary side brackets pmt 2
	Amount:	UL20190312jgv1 \$9,787.50
	Component Description: Amount:	Die 485003 v190828pmv2 \$2,175.00
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	

Transmission Line

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$122,400.00	\$116,900.00		\$87,550.72	
Rigid Transmission Line - copper, 6 1 /8" broadband	\$116,000.00	\$110,500.00	N/A	\$81,790.72	N/A
TX Line Sweep	\$6,400.00	\$6,400.00	N/A	\$5,760.00	N/A
Primary Transmission Line	\$125,580.00	\$92,718.20		\$89,843.65	
TX Line Sweep	\$6,400.00	\$6,400.00	N/A	\$5,760.00	N/A
Rigid Transmission Line - copper, 6 1/8"	\$119,180.00	\$86,318.20	See attached Dielectric Quote DMS031-4. Estimated total include the Transmission Line & Fixed Flange Swivel line items 5 and 10.	\$84,083.65	N/A
Sub-total	\$247,980.00	\$209,618.20	N/A	\$177,394.37	N/A
Total for all systems	\$3,574,602.42	\$4,452,277.10	N/A	\$3,043,198.44	N/A

Actual Information Description	File Name	
Rigid Transmission Line - copper, 6 1/8" broadband	Component Description: Amount:	Die 478002 v190723pmv1 \$6,866.86
	Component Description: Amount:	Die ST478002 v190723pmv1 \$6,935.52
	Component Description:	Die inv #MAN00842 Aux transmission line 45 pct pmt 1 UL20190128jgv1
	Amount:	\$30,900.87
	Component Description: Amount:	Die MAN01040 v190509jgv1 \$30,900.87
	Component Description:	Die inv #MAN00842 Aux TLSCRs 45 pct pmt 1
	Amount:	UL20190128jgv1 \$3,093.30
	Component Description:	Die MAN01040 v190509jgv1
	Amount:	\$3,093.30
	Component Description:	Die MAN01040 Aux transmission line 45 pct pmt 2 v190814jgv2
	Amount:	\$30,900.87

	Component Description: Amount:	Die MAN01040 Aux TLSCRs 45 pct pmt 2 v190814jgv2 \$3,093.30
TX Line Sweep		
	Component Description:	Die inv #MAN00842 Aux sweep 45 pct pmt 1
	Amount:	UL20190128jgv1 \$2,880.00
	Component Description:	Die MAN01040 Aux sweep 45 pct pmt 2
	Amount:	v190814jgv2 \$2,880.00
	Component Description:	Die MAN01040
	Amount:	v190509jgv1 \$2,880.00
TX Line Sweep		
	Component Description:	Die inv #MAN01065 Primary sweep pmt
	Amount:	2 UL20190312jgv1 \$2,880.00
	Component Description:	Die inv #MAN00843
		Primary sweep pmt

Rigid Transmission Line - copper, 6 1/8"	Component Description: Amount:	Die 478001 v190723pmv1 \$7,944.37
	Component Description: Amount:	Die inv #MAN01065 Primary fixed flange swivel pmt 2 UL20190312jgv1 \$2,319.97
	Component Description:	Die inv #MAN01065 Primary transmission line
	Amount:	pmt 2 UL20190312jgv1 \$35,749.67
	Component Description: Amount:	Die inv #MAN00843 Primary fixed flange swivel pmt 1 UL20190312jgv1 \$2,319.97
	Component Description:	Die inv #MAN00843 Primary
	Amount:	transmission line pmt 1 UL20190312jgv1 \$35,749.67

Tower Equipment and Rigging Costs

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatic
Primary Tower TOWER	\$1,087,801.59	\$1,921,301.59		\$1,288,811.59	
Lead-based Paint Management Program	\$150,306.65	\$150,306.65	See uploaded Ramboll US Corporation invoices and accompanying Scope of Work / Budget Estimate. Also see uploaded TCI invoices 8829 8849 8857 8861 8870 against TCI quote TCI- 18-106C	\$150,306.65	N/A
Major tower reinforcement /modifications	\$421,000.00	\$1,276,800.00	Tower is complicated in metro area & is showing signs of compression. Replacement not an option because of strict local zoning. Cost Estimate is the sum of TCI Qtes TCI- 18-206B (\$446,840), TCI-18-228A (\$217,700) & TCI-18-106C (\$612,260) which are attached	\$1,069,310.00	N/A

Total for all systems	\$3,574,602.42	\$4,452,277.10	N/A	\$3,043,198.44	N/A
Sub-total	\$1,087,801.59	\$1,921,301.59	N/A	\$1,288,811.59	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	N/A	N/A
those with candelabras and/or stacked antennas)	\$69,194.94	\$69,194.94	Insurance	\$69,194.94	N/A
Complex Tower (includes, for example,	\$421,000.00	\$400,000.00	N/A	N/A	N/A

File Name	
Component Description: Amount:	Ramboll 1690031980 v190507jgv1 \$9,492.12
Component Description: Amount:	Ramboll 1690028752 v190607pmv1 \$3,703.14
	Component Description: Amount: Component Description:

Component Description: Amount:	Ramboll 1690034015 v190607pmv1 \$7,169.74
Component Description: Amount:	Ramboll 1690029932 v190625jgv1 \$1,682.75
Component Description: Amount:	Ramboll 1690035431 v190722jgv1 \$672.28
Component Description: Amount:	Ramboll 1690037085 v190927pmv1 \$2,517.77
Component Description: Amount:	TCI 8837 v190927pmv1 \$26,783.58
Component Description: Amount:	TCI 8849 v190919jgv1 \$11,449.73
Component Description: Amount:	TCI 8870 v190919jgv1 \$20,433.88
Component Description: Amount:	TCI 8861 v190919jgv1 \$12,226.55

Component Description: Amount:	TCI 8829 v190919jgv1 \$29,620.68
Component Description:	TCI 8857 v190919jgv1
Amount:	\$24,554.43

Major tower reinforcement		
/modifications	Component Description:	TCI inv #8643 Tower maintenance
		and repairs pmt 1
		UL20190306jgv1
	Amount:	\$108,850.00
	Component Description:	TCI 8651
	Amount:	v190606jgv1 \$111,710.00
		• • • • • • • • • • • • • • • • • • •
	Component Description:	TCI 8678
		v190801jgv1
	Amount:	\$111,710.00
	Component Description:	TCI 8801 v190729jgv1
	Amount:	\$54,425.00
	Component Description:	TCI 8800
		v190726jgv1
	Amount:	\$153,065.00
	Component Description:	TCI inv #8589
	••••••••••••••••••••••••••••••••••••••	Foundation
		modification 50 pct
		pmt 1
	Amount:	UL20190127jgv1 \$223,420.00
	Amount.	φΖΖ3,4Ζ0.00
	Component Description:	TCI inv #8644
		Tower mods
		UL20190318jgv1
	Amount:	\$306,130.00
Complex Tower (includes,	Information not provided.	
for example, those with		
candelabras and/or stacked antennas)		
Slacked antennas		

	Component Description:	TCI inv #8645 Insurance
		UL20190318jgv
	Amount:	\$69,194.94
Tower mapping for an	Information not provided.	
undocumented/poorly		
documented tower and		
preparation of		
documentation necessary		
for tower load study		

Outside Professional Services

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co Justification
Outside Professional Services	\$389,685.00	\$422,350.00		\$46,356.72	
Other Engineering Services	\$37,500.00	\$37,500.00	Fewer Proj Mgt "PM" tasks are req'd & Other Engineering Services "OES" are req'd, so the PM total was reduced to 750 hrs (\$112,500.00 at \$150/hr), a new OES comp was created & funded with \$ from PM. See attachment titled "KGA quote to KING for OES.pdf"	\$24,625.01	N/A
Pre filing site review	\$24,100.00	\$24,100.00	N/A	N/A	N/A
Other Legal Services	\$10,000.00	\$10,000.00	Other Legal Services related to the DTV Repack	\$424.09	N/A

Additional Field Engineering Service, 20 Days	\$50,000.00	\$50,000.00	\$2,500 per site visit including expenses x 20 days. It is necessary to survey the site, plan the equipment, develop specifications for purchasing, & oversee multiple vendor RF projects. Station does not have available personnel trained in such services.	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$2,105.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/#
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N//
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N//
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N//
Prepare and or review reimbursement form	\$2,630.00	\$10,000.00	The cost estimate includes the initial 399 amendment, anticipated subsequent 399 amendments, and Actual Cost invoice prep and submission	\$2,538.00	N/A

Project	\$118,500.00	\$150,000.00	It will be	\$18,769.62	N/A
management of			necessary to		
the transition			schedule and		
			coordinate		
			multiple		
			vendors,		
			complete		
			progress		
			reports, and		
			update		
			Schedule		
			399s. Station		
			does not		
			have		
			available		
			personnel or		
			personnel		
			trained in		
			project		
			management		
			for such		
			complex		
			projects.		
RF Exposure	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Measurements					
Sub-total	\$389,685.00	\$422,350.00	N/A	\$46,356.72	N/A
Total for all systems	\$3,574,602.42	\$4,452,277.10	N/A	\$3,043,198.44	N/A

Actual Information	
Description	File Name

Other Engineering Services		
	Component Description:	Osborn inv #26012 Prof srvcs 170531 - 170728
	Amount:	UL20190220jgv2 \$21,075.01
	Component Description:	Osborn inv #29771 Other Engineering Services UL20181206jgv1
	Amount:	\$3,550.00
Pre filing site review	Information not provided.	
Other Legal Services		
	Component Description:	Covington 60801029 v190712jgv2
	Amount:	\$144.71
	Component Description:	Covington inv #60796723 Various Legal
	Amount:	UL20181024jgv1 \$174.42
	Component Description:	Covington 60801029
	Amount:	v190513pmv1 \$164.44
	Component Description:	Covington
		60805585 v190513pmv1
	Amount:	\$34.53

	Component Description: Amount:	Covington 60805585 v190508pmv1 \$34.53
	Component Description: Amount:	Covington 60801032 v190508pmv1 \$99.68
	Component Description: Amount:	Covington 60801029 v190508pmv1 \$164.44
	Component Description: Amount:	Covington 60801032 v190528jgv2 \$70.43
Additional Field Engineering Service, 20 Days	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.

Prepare and or review reimbursement form	Component Description: Amount:	Osborn 34583 v190730jgv1 \$1,688.00
	Component Description: Amount:	Osborn 32831 v190613pmv1 \$850.00
	Component Description: Amount:	Osborn 32970 v190617pmv1 \$450.00
Project management of the transition	Component Description:	AFF inv #20181435 Consulting Services 181101-190131 UL20190402jgv1
	Amount: Component Description:	\$6,000.00 Inv 29213 KING
	Amount:	Proj Mgt 180428- 180525 UL20180702jg v1 \$1,575.00
	Component Description:	Osborn inv #29771 Form 387 2018 Q2
	Amount:	UL20181206jgv1 \$337.50
	Component Description: Amount:	Osborn 32970 v190617pmv1 \$450.00
	Component Description: Amount:	Osborn 32831 v190613pmv1 \$5,982.12

	Component Description: Amount:	Osborn 33665 v190618pmv1 \$75.00
	Component Description: Amount:	Osborn 34593 v190730jgv1 \$1,950.00
	Component Description: Amount:	Osborn inv #26012 Prof srvcs 170531 - 170728 UL20181107jg v1 \$21,075.01
	Component Description: Amount:	Osborn inv #29771 Prof srvcs 180526 - 180629 UL20181206jgv1 \$2,400.00
RF Exposure Measurements	Information not provided.	

Other Expenses

Cost Information

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$288,989.36	\$288,439.36		\$139,614.19	
PR Firm	\$43,000.00	\$43,000.00	See the Quote attached to the uploaded the FEAREY GROUP, INC. invoice 2019-035.	\$31,168.44	N/A
MVPD Notification of Channel Change	\$6,000.00	\$6,000.00	Hire services to insure that MVPD's have been notified of upcoming changes and testing windows for new channel operation.	N/A	N/A
Develop and air announcement of upcoming channel change	\$6,000.00	\$6,000.00	Produce informational spot about upcoming changes for consumers.	\$3,270.00	N/A

Equipment Storage	\$15,000.00	\$15,000.00	Flatbed storage for 6 months per Dielectric for new antennas and transmission line.	\$13,910.00	N/A
Equipment Delivery and Handling Charges	\$33,592.36	\$33,592.36	See invoices attached	\$33,592.36	See invoices attached
Local Zoning	\$100,000.00	\$100,000.00	Zoning and Construction permits could require extensive reviews and extensively long permitting process. expediter are commonly used and because of the location of the tower we can expect multiple challenges in the permitting process for structural mods.	\$44,322.39	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,750.00	N/A
Non-zoning permits	\$25,000.00	\$25,000.00	N/A	\$9,601.00	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Internal labor	\$23,847.00	\$23,847.00	N/A	N/A	N/A
Sub-total	\$288,989.36	\$288,439.36	N/A	\$139,614.19	N/A
Total for all systems	\$3,574,602.42	\$4,452,277.10	N/A	\$3,043,198.44	N/A

Actual Information	
Description	File Name

PR Firm

Component Description: Amount:	Fearey 2019-110 v190726jgv1 \$5,625.00
Component Description: Amount:	Fearey 2019-314 v190919jgv1 \$2,418.75
Component Description: Amount:	US Print 308011 v190927pmv1 \$894.63
Component Description: Amount:	Fearey 2019-258 v190927pmv1 \$5,043.75
Component Description: Amount:	Fearey 2019-220 v190927pmv1 \$2,587.50
Component Description: Amount:	Fearey 2019-171 v190927pmv1 \$3,262.50
Component Description: Amount:	Fearey inv #2019- 035 PR UL20190402jgv1 \$8,000.00
Component Description: Amount:	Fearey 2019-109 v190726jgv1 \$2,756.25
Component Description: Amount:	US Print 307744 v190530pmv1 \$580.06

MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Component Description: Amount:	2C Media inv #203806 Creation of channel change announcement UL20181016jgv1 \$3,270.00
Equipment Storage		
	Component Description:	Die 587035
	A	v190911pmv1
	Amount:	\$7,090.00
	Component Description:	Die 587008
		v190911pmv1
	Amount:	\$6,820.00
Equipment Delivery and		
Handling Charges	Component Description:	Die 587035
		v190911pmv1
	Amount:	\$18,545.75
	Component Description:	Die 587008
		v190911pmv1
	Amount:	\$15,046.61
Loool Zoning		
Local Zoning		
Local Zoning	Component Description:	TCI 8506
Local Zoning	Component Description:	TCI 8506 v190729jgv1
Local Zoning	Component Description: Amount:	
Lucai Zuning	Amount:	v190729jgv1
Lucai Zuning		v190729jgv1 \$36,212.39

DTV Medical Facility Notification	Component Description: Amount:	RF Notifs 1353 v190925jgv1 \$3,750.00
Non-zoning permits	Component Description:	City of Seattle inv #943971 Ant struct alter local permit pmt 1 UL20181029jgv1
	Amount:	\$7,020.00
	Component Description:	City of Seattle inv #1041343 Ant struct alter local permit pmt 2 UL20181029jgv1
	Amount:	\$2,581.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Internal labor	Information not provided.	

Cost Information	Grand Total				
		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$3,574,602.42	\$4,452,277.10	\$3,043,198.44	

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	
		3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Jeffrey C Gehman <i>Engineering</i> <i>Associate</i>
	09/27/2019

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		 The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster **Relocation Fund are** necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

	 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested. 	
a r	declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Jeffrey C Gehman Engineering Associate
		09/27/2019

Attachments